

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for acquiring an elongated radiographic image comprising:

positioning an elongated stationary object between a stationary but pivotally mounted source of x-rays and a flat digital image large area capture device having a known imaging dimension which is less than a like dimension of said elongated object;

moving said flat device in a planar direction parallel to said known imaging dimension to sequential contiguous positions to acquire a sequence of radiographic images of said elongated object; and

rotating said source of x-rays about a first fixed axis which is perpendicular to said direction of moving said device and which is a plane spaced from and parallel to said planar direction in coordination with said moving in order to project said x-rays from said source toward said device.

2. (original) The method of claim 1 including adjusting the aperture of a collimator located between said source and said object so that said projected x-rays cover the device for imaging.

3. (original) The method of claim 1 wherein said source of x-rays is rotated about an axis coincident with the x-ray focal spot of said source.

4. (previously presented) The method of claim 1 wherein said source of x-rays is rotated about an axis the distance of which from the x-ray focal spot of said source is far less than the distance from said source of x-rays to said image capture device.

5. (original) The method of claim 1 wherein said elongated object positioned is an elongated human body part.